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ServSwitch Affinity

Affordable many-to-many multiplatform KVM switching.



04/16/2010 #22921

FEATURES

- » As many as 16 users have keyboard/mouse/ video control over as many as 1024 PC, Sun, RS/6000, SGI, HP, and/or Alpha computers.
- » Easily expandable with plug-in port cards and flexible cabling.
- » Free lifetime firmware upgrades.
- » Supports video resolutions up to 1280 x 1024.
- » High levels of security, including passwords and access profiles.
- » Controlled through on-screen display, with additional keyboard commands and a terminal-based serial-port options menu.
- » Some models have redundant power supplies.

OVERVIEW

Is your server room growing by leaps and bounds? Wouldn't it be nice to have a keyboard/video/mouse-switching system that could keep up with all the hardware, all the users, the constant changes, and the realities of your budget?

Our ServSwitch Affinity[™] could be the one. It supports most major hardware platforms, including IBM[®] PS/2[®], PC/AT[®], and RS/6000[®]; Sun[®]; SGI[™]; HP[®] 700 and 9000 series; and Compaq[®] Alpha. IBM type computers can use any keyboard mode and any of a variety of mouse types. Video can be any of several types at up to 1280 x 1024 resolution.

You can attach as many as 16 computers to a single unit or 1024 computers to a daisychained ServSwitch Affinity system. Either way, you can also attach up to 4, 8, or 16 independent users; more users can be connected, but they'll have to contend for access.

Here's how it works: Each ServSwitch Affinity has four slots for port cards. Our 0 x 4 port card (KV1300C) has four CPU (computer) ports and a serial port only; the 1 x 4 card (KV1301C-R2) also has a KVM (user) port.

The ServSwitch Affinity chassis also has a fifth, top slot used for expansion purposes; the 16-user models have a matching sixth, bottom slot. Our 4-user models ship with a terminator card (KV1304C) installed in the expansion slot; you can swap in a 4-User Expansion Card (KV1305C) if you'll be daisychaining the ServSwitch Affinity. The 8- and 16-user models, which are designed to be part of a daisychain, come without anything installed in the expansion Slot(s). You need to purchase and install an 8- and 16-User Expansion Card (KV1306C) for each slot for the unit to work.

One difference between the 4-user ServSwitch Affinity models with single power supplies is which cards they're preinstalled with; see the start of the Ordering Information on **page 5** for a list of which cards come with each model. The 4-User Standalone Chassis models (as well as the 1 x 4 port card) also offer serial emulation. This enables access to any RS-232 serial device.

Add capacity to your ServSwitch Affinity system at any time by installing port cards in vacant slots or add more chassis to a daisychain.

The port card's serial ports are used for terminal-based initial system configuration; they are also used to upgrade the ServSwitch Affinity's firmware. (Upgrades are free for the lifetime of the ServSwitch Affinity!)

The ServSwitch Affinity's main controls are its on-screen menus (with a full range of configuration and operating functions). These menus are augmented by a number of keyboard commands.

For added security, the ServSwitch Affinity supports passwordprotected access groups. Computers can belong to multiple groups, but users can only belong to one. Users will only be able to access the computers in their group.

When users do access computers, they'll have one of four assigned access levels: view only (no keyboard/mouse control), share (view access until current user becomes inactive, then add keyboard and mouse), control (sole control but others can view), or private (sole control, no one else can interrupt or view).

Models with dual, redundant power supplies are available. If one power supply fails, the other powers the load until you install a replacement supply.

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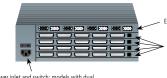


OVERVIEW

If you need to share access to a large number of CPUs, think about putting in a ServSwitch Affinity daisychain made up of 4-user expansion chassis (like the fully loaded one shown **at right**) or 8or 16-user chassis. They come empty (no cards installed), but you can install 1 expansion card (or 2 in the 16-user units) and add as many as 4 Port Cards (0 x 4 or 1 x 4) to them, giving you a maximum of 4, 8, or 16 user stations and 16 CPUs attached to each unit.

(Keep in mind that however many user stations an Affinity is designed for, only that many video paths can be open through that unit at a time. For example, a 4-user unit only has four video paths. If there are already four operators attached to it, and an operator at another ServSwitch Affinity selects one of the 4-user unit's CPUs, one of the 4-user unit's operators—and all other operators on that slot—will be locked out until the new connection ends.)

The 8-user units look very similar to the 4-user unit, but they accept only 8-User Expansion Cards like the one shown **below**. The 16-user units accept two of the 8-User Expansion Cards. The 8-User Expansion Cards have jumper blocks that you can set



xpansion Card (KV1306C) 1 x 4 Port Cards (KV1301C-R2) with (4) DB25 female CPU ports, (1) DB25 female user port, and (1) RJ-45

serial port

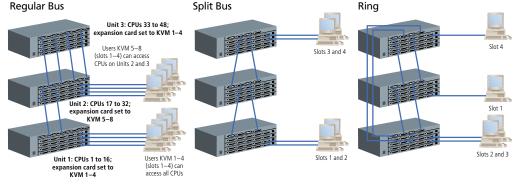
HD15 female expansion

ports on 8- and 16-Use

Power inlet and switch; models with dual power supplies will have another inlet and switch above this one

to control which four KVM slots are used by the operators attached to the ServSwitch Affinity chassis that the card is installed in: KVMs 1 through 4, 5 through 8, 9 through 12, or 13 through 16.

On the 8- and 16-User HD15 Expansion Cards, IN 1 and OUT 1 carry the signals for either KVM 1 and 2 or, if installed in the bottom slot of a 16-user unit, KVM 9 and 10; IN 2 and OUT 2 carry the signals for either KVM 3 and 4 or KVM 11 and 12; and so on. A pair of jumper blocks determines which four KVM slots the four users on that ServSwitch Affinity chassis will use.



Because the control paths are carried on different connectors, you have maximum flexibility for designing your daisychain layout: If all of your users are on one chassis, use the regular bus topology

- If all of your users are on one chassis, use the regular bus topology (above, left).
- If you have two users on one chassis and two on another, use the "split bus" topology (above, middle).
- If your users are spread across several chassis, use the ring topology (above, right). Keep in mind that only one user at a time can use the bus that interconnects daisychained ServSwitch

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attached to a ServSwitch Affinity unit other than his own, no other slot 1 user can select any CPUs.

Affinity units, especially when you implement a ring topology.

interconnected in a ring, if any user on slot 1 selects a CPU

For example, when your ServSwitch Affinity units are

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- Compliance CE, FCC Part 15 Subpart B Class A, IC Class/classe A Configuration per Chassis (Maximum) — KV132A-R2: (2) users, (8) CPUs, (1) expansion card; KV130A, KV130DA, KV134A-R2, KV138A, KV138DA:

- (4) users, (16) CPUs, (1) expansion card; KV139A, KV139DA: (4) users, (16) CPUs, (2) expansion cards

- KV139A, KV139DA: (4) users, (16) CPUs, (2) expansion cards Construction Steel chassis CPUs Supported IBM PC and compatibles, PS/2, Sun, and most PC UNIX® (R5/6000, HP9000^e, SGI, Compaq Alpha, and others); daisychainable to connect up to 1000 CPUs Data Format 8 data bits, 1 stop bit, no parity (fixed) Data Rate 9600 bps or 57.6 kbps Distance (Maximum) 20 ft. (6.1 m) of CPU or user cable—possibly as much as 100 ft. (30.5 m) if cable is coaxial, depending on CPUs, monitor, and video resolution—from any ServSwitch Affinity port card to any device attached to it: attached to it:
 - 100 ft. (30.5 m) of expansion cable between any two ServSwitch Affinity units; 50 ft. (15.2 m) of serial cable from the RS-232 port of any ServSwitch
- Affinity port card to a computer's serial port
- Fuses KV13xDA models: Autoresetting switch fuses that cut in when power surges exceed the maximum ratings of the chassis
- Hardware Required Monitor that supports your computer's highest video standard; in multiplatform applications, should be multisync model that can accept video from either Composite sync or separate horizontal/vertical sync signals Mice Supported —
- User: PS/2 or Sun; CPU: Serial or PS/2, Sun Microsystems[®] and compatibles
- Resolution (Maximum) 1280 x 1024, but will depend on the length of CPU and user cables in your system Serial (RS-232) Characteristics Protocol: Asynchronous
- Standards —
- With original Serv cabling: VGA (color or monochrome/page white) video; With original Serv cabling (minimal) or coaxial cabling (recommended): SVGA video;
- With coaxial cabling: XGA (color or monochrome), Sun, RS/6000, or SGI video
- User Controls -
- For system: Keyboard commands and on-screen menus; On ServSwitch Affinity chassis: Rear-mounted ON/OFF rocker switch(es);
- KV13xDA models: (2). All other models: (1). On all expansion cards (KV1305C– KV1306C): Board-mounted BUS/RING iumper:
- On 8-user expansion card (KV1306C): (2) Board-mounted jumper blocks for user-port numbering
- Interfaces -
 - On CPU ports and user ports of Port Cards and IN 1 and OUT 1 ports of
- Proprietary composite of: Proprietary composite of: Keyboard: IBM PS/2, PC/AT, or Sun compatible; Mouse: PS/2, RS-232 serial (except on user ports), or Sun compatible; Video (see Standards below); IN 1 and OUT 1 also carry system.
- control signals; On expansion cards' other IN and OUT ports: Proprietary video composite (see Standards **below**); On serial ports of port cards: EIA/TIA RS-232 proprietary pinning
- on RJ-12 ("6-wire RJ-11") connectors, DTE

- TECH SPECS
 - Connectors All chassis: (1) IEC 320 power; KV132A-R2: Also has (10) DB25 F, (2) RJ-11;
 - KV134A-R2: Also has (20) DB25 F, (4) RJ-11;
 - KV1300C: (4) DB25 F;

 - KV130UC: (4) DB25 F; KV1301C: (5) DB25 F; KV1305C: (2) DB15 F, (2) DB15 M; KV1306C: (4) HD15 M, (4) HD15 F; KV140 series cables: (1) DB15 F, (1) DB15 M; KV180 series cables: (1) HD15 M, (1) HD15 F;
 - KV130 series cables: (2) RJ-45 M Indicators All models: ON/OFF switch(es) are dark when ServSwitch
 - Affinity is OFF, backlit when ON; KV13xDA models: (3) Front-mounted power-supply status LEDs:

 - (1) for supply 1 (the upper transformer), lit while supply is outputting power; (1) for supply 2 (the lower transformer), lit while supply is outputting power; (1) for the ServSwitch Affinity chassis (marked "SYSTEM"), lit while either supply is outputting power unless internal diodes have failed

 - Temperature Tolerance 32 to 113°F (0 to 45°C) Humidity Tolerance Up to 80%, noncondensing Altitude (Maximum) 10,000 ft. (3048 m)

 - Power -
 - Input: 90 to 264 VAC, 47 to 63 Hz, 700 mA from AC outlet(s) through included power cord(s) and inlet(s) into internal transformer(s); KV13xDA models: Dual transformers with separate AC inlets,
 - electrically isolated from one another;
 - All other models: Single transformer; Consumption: Up to 40 VA (40 watts)
 - ee KV132A-R2, KV130A, KV130DA, KV134A-R2, KV138A, KV138DA: 5.3°H (3U) x 16.7°W x 7°D (13.5 x 42.4 x 17.8 cm); KV139A, KV139DA: 7°H (4U) x 16.7°W x 7°D (18 x 42.4 x 17.8 cm); KV139C, KV130C, XV1305C-KV1306C: 0.9°H x 13.9°W x 4.8°D Size
 - (2.3 x 35.3 x 12.2 cm);
 - KV1304C: 0.1*H x 4*W x 3*D (0.3 x 10.2 x 7.6 cm) Weight KV132A-R2, KV130DA, KV138DA: 12 lb. (5.4 kg);
 - KV130A, KV138A: 10.5 lb (4.8 kg); KV134A-R2: 14 lb. (6.4 kg); KV134A: 11 lb. (5 kg); KV139A: 11 lb. (5 kg); KV1300C, KV1301C-R2: 0.9 lb. (0.4 kg);

 - KV1304C: 0.2 lb. (0.1 kg); KV1305C–KV1306C: 0.4 lb. (0.2 kg)

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Item	Code
ServSwitch Affinity	
2-User Architecture	
Preconfigured 2 Users x 8 Serv	ers (plus Terminator Card)
-	KV132A-R2
4-User Architecture	KV130A
with Redundant Power Supply	
Preconfigured 4 Users x 16 Ser	vers (plus Terminator Card)
	KV134A-R2
8-User Architecture	KV138A
with Redundant Power Supply	
16-User Architecture	KV139A
with Redundant Power Supply	KV139DA
Port Cards	
0 Users x 4 Servers	KV1300C
1 User x 4 Servers	KV1301C-R2
4-User Terminator Card	KV1304C
4-User Expansion Card, DB15	KV1305C
8- and 16-User Expansion Card, HD15	
If you've previously ordered a KN	
to a KV1301C-R2 with serial capa	
ServSwitch Affinity Upgrade Kit	KV130-UPG
You will need a CPU Cable for ea	ch CPU you attach
CPU/Server to ServSwitch Cables	
PS/2, Standard 5-ft. (1.5-m)	EHN151-0005
10-ft. (1.5-m)	EHN151-0005
20-ft. (6.1-m)	EHN151-0010
PS/2, Coax	EHN151-0020
2-ft. (0.6-m)	EHN382-0002
5-ft. (1.5-m)	EHN382-0002
10-ft. (3-m)	EHN382-0005
20-ft. (6.1-m)	EHN382-0010 EHN382-0020
35-ft. (10.7-m)	EHN382-0020
50-ft. (15.2-m)	EHN382-0055
75-ft. (22.9-m)	EHN282-0075
100-ft. (30.5-m)	EHN282-0100

50-ft. (15.2-m)	EHN382-0050
75-ft. (22.9-m)	EHN282-0075
100-ft. (30.5-m)	EHN282-0100
AT, Standard	
5-ft. (1.5-m)	EHN048-0005
10-ft. (3-m)	EHN048-0010
20-ft. (6.1-m)	EHN048-0020
Sun, Coax, 13W3	
5-ft. (1.5-m)	EHN206-0005
10-ft. (3-m)	EHN206-0010
20-ft. (6.1-m)	EHN206-0020
35-ft. (10.7-m)	EHN206-0035
50-ft. (15.2-m)	EHN206-0050
75-ft. (22.9-m)	EHN206-0075
100-ft. (30.5-m)	EHN206-0100

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CPU/Severt to servisitific Cables (Continued) Espannon Cable for 4-Lise Units, Piezan 5-t, 10, 5-m) EHNST5-0005 5-t, 10, 5-m) EHNST5-0005 5-t, 10, 5-m) EHNST5-0005 5-t, 10, 5-m) EHNST5-0005 5-t, 10, 7-m) EHNST5-0005	Code
VSA_Cosx -<	
S-ft. (15-m) EHM35-0005 Espanon Cables for 3- and 16-User Units, PVC 0-ft. (3-m) EHM35-0023 24.t. (3-m) 2-ft. (61-m) EHM35-0023 25.t. (13-m) 2-ft. (61-m) EHM35-0023 25.t. (13-m) 2-ft. (61-m) EHM35-0023 25.t. (13-m) 2-ft. (61-m) EHM485-0010 10-ft. (23-m) 10-ft. (23-m) EHM485-0010 25.t. (13-m) 2-ft. (15-m) EHM485-0010 24.t. (13-m) 2-ft. (15-m) EHM485-0010 24.t. (13-m) 2-ft. (15-m) EHM485-0010 24.t. (13-m) 2-ft. (15-m) EHM485-0010 35.t. (13-m) 2-ft. (1	KV140050-PL
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201t (6.1-m) EHN35-002 201t (6.1-m) 59tt (15.2-m) EHN35-003 59tt (15.2-m) 59tt (15.7-m) EHN35-003 59tt (15.2-m) 59tt (15.7-m) EHN485-003 51t (15.7-m) 59tt (15.7-m) EHN485-003 51t (15.7-m) 59tt (10.2-m) EHN485-003 51t (15.7-m) 75tt (22.2-m) EHN485-003 54t (15.7-m) 75tt (22.2-m)	KV180010
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Soft (15.2m) ENNISTS-0050 Soft (15.2m) Image: Soft (25.2m) ENNISTS-0075 Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (15.2m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (16.1m) Expansion Cables for 8-and 16-User Units, Plenum Expansion Cables for 8-and 16-User Units, Plenum Image: Soft (16.1m) Expansion Cables	KV180035
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EHN435 EHN435-0010 EHN435-0010 20-41. (6.1-m) EHN435-0020 2/4. (0.6-m) 20-41. (6.1-m) EHN45-0010 3/4. (0.6-m) 20-41. (6.1-m) EHN154-0010 3/4. (0.7-m) 20-41. (6.1-m) EHN154-0010 3/4. (0.7-m) 20-41. (6.1-m) EHN334-0020 3/4. (0.7-m) 20-41. (6.1-m) EHN334-0020 3/4. (0.7-m) 21-41. (0.3-m) EHN334-0020 3/4. (0.7-m) 22-41. (0.6-m) EHN333-0050 3/4. (0.7-m) 23-41. (0.7-m) EHN333-0050 3/4. (0.7-m) 35-41. (0.7-m)	KV180050-PL
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100-ft (20.5-m) ENN885-0100 35-ft (10.7-m) V00 will need Juser Cable for each monitor/keyboard/mouse user station you attach. 56-ft (10.7-m) ServSwitch to Keyboard/Monitor/Mouse Cables 56-ft (10.7-m) F2/2, Standard FMI154-0005 15-ft (1.3-m) EHN154-0005 5-ft (1.5-m) EHN154-0005 15-ft (1.5-m) EHN154-0005 20-ft (6.1-m) EHN154-0005 20-ft (6.1-m) EHN154-0005 20-ft (6.1-m) EHN154-0005 5-ft (1.5-m) EHN154-0005 5-ft (1.5-m) EHN154-0002 5-ft (1.5-m) EHN154-0002 5-ft (1.5-m) EHN158-0002 5-ft (1.5-m) EHN383-0010 5-	KV130010
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You will need a User Cable for each monitor/keyboard/Mouse user station you attach 50-ft. (F3-zm) FIN225 FM (0.3-m) FMN154-0001 75-ft. (F3-zm) FIN25 FMN154-0001 5-ft. (F3-zm) 5-ft. (F3-zm) FIN25 FMN154-0001 5-ft. (F3-m) 5-ft. (F3-m) 20-ft. (F3-m) FMN154-0001 5-ft. (F3-m) 20-ft. (F1-m) FMN125-0001 5-ft. </td <td>KV130035</td>	KV130035
Figure 1 75-ft. (223-m) SerSwitch to Keyboard/Monitor/Mouse Cables FSZ, Standard FSZ, Standard Str. (0.3-m) EHN154-0001 5-ft. (1.5-m) EHN154-0020 75-ft. (223-m) 20-ft. (6.1-m) 20-ft. (6.1-m) 20-ft. (6.1-m) 21-ft. (0.5-m) PSZ, Coaxial	KV130050
Service 100-ft. (20.5-m) FY225 100-ft. (10.7-m) Fy22, Coxial 20-ft. (61-m) 20-ft. (61-m) ENN332-0005 50-ft. 100-ft. (10.7-m) ENN323-0005 50-ft. 100-ft. (10.7-m) ENN323-0005 50-ft. 100-ft. (10.7-m) ENN333-0005 50-ft. 100-ft. (10.7-m) ENN323-0005 50-ft. 100-ft. (10.7-m) ENN323-0005 50-ft. 100-ft. (10.7-m) ENN220-0005	KV130075
PS/2, Standard PS/2, Standard PS/2, Standard PS/2, Standard H1 15.m EHN154-0001 FHN154-0001 Sf.t. (1.5.m) PS/2, Standard EHN154-0001 Sf.t. (1.5.m) EHN154-0001 Sf.t. (1.5.m) 20:H. (6.1.m) EHN154-0001 Sf.t. (1.5.m) Sf.t. (1.5.m) 20:H. (6.1.m) EHN383-0002 Sf.t. (10.7.m) 5:H. (1.5.m) EHN383-0002 Sf.t. (10.7.m) 20:H. (6.1.m) EHN383-0002 Sf.t. (10.7.m) 20:H. (1.5.m) EHN383-0002 Sf.t. (1.5.m) 20:H. (1.3.m) EHN383-0002 Sf.t. (1.5.m) 20:H. (3.5.m) EHN383-0005 20:H. (6.1.m) 20:H. (3.5.m) EHN201-0001 DCC Cables with DB9 Male Connector 51:H. (1.5.m) EHN201-0005 Sf.t. (1.5.m) 20:H. (3.5.m) EHN201-0005 Sf.t. (1.5.m) 20:H.	KV130100
i.t. (0.3-m) EHN154-0001 Serail Cables BHN225 Diff. (3-m) EHN154-0005 Diff. (3-m) 20-ft. (61-m) EHN154-0002 10-ft. (3-m) 22-ft. (0.6-m) EHN383-0002 20-ft. (61-m) 22-ft. (0.6-m) EHN383-0002 20-ft. (61-m) 22-ft. (0.6-m) EHN383-0002 20-ft. (10-m) 20-ft. (1-m) EHN383-0003 10-ft. (3-m) 20-ft. (51-m) EHN383-0000 5-ft. (15-m) 10-ft. (3-m) EHN383-0000 5-ft. (10-m) 10-ft. (3-m) EHN201-0001 10-ft. (3-m) 10-ft. (3-m) EHN201-0035 5-ft. (15-m) 10-ft. <th>KV150100</th>	KV150100
S-ft. (15-m) EHNTS4-0005 DFE Cables with DB9 Female Connector 20+ft. (61-m) EHNTS4-0005 0-ft. (3-m) 20+ft. (61-m) EHNTS4-0002 35-ft. (15-m) 24.ft. (06-m) EHNTS4-0002 35-ft. (10-m) 24.ft. (06-m) EHN383-0002 35-ft. (10-m) 54.ft. (15-m) EHN383-0005 50-ft. (15-m) 10-ft. (3-m) EHN383-0005 50-ft. (15-m) 20-ft. (61-m) EHN383-0005 20-ft. (15-m) 35-ft. (10-m) EHN383-0005 20-ft. (61-m) 35-ft. (10-m) EHN281-0005 5-ft. (15-m) 10-ft. (3-m) EHN201-0005 5-ft. (15-m) 20-ft. (61-m) EHN201-0005 5-ft. (15-m) 20-ft. (61-m) EHN201-0005 5-ft. (15-m) 20-ft. (61-m) EHN201-0005 5-ft. (15-m) 10-ft.	
Investigation Investigation First is a control 5-ft. (1.5-m) PS/2, Coaxial 25-ft. (0.5-m) EHN383-0002 35-ft. (0.5-m) 24.ft. (0.6-m) EHN383-0002 35-ft. (1.5-m) 24.ft. (0.6-m) EHN383-0002 35-ft. (1.5-m) 24.ft. (0.6-m) EHN383-0002 35-ft. (1.5-m) 10-ft. (3-m) EHN383-0002 35-ft. (1.5-m) 20-ft. (6.1-m) EHN383-0010 DIE Cables with DB25 Female Connector 20-ft. (3-m) EHN383-0100 35-ft. (1.5-m) 35-ft. (10.7-m) EHN383-0100 35-ft. (1.7-m) 50-ft. (15.2-m) EHN201-0001 35-ft. (10.7-m) 10-ft. (3-m) EHN201-0001 35-ft. (10.7-m) 20-ft. (6.1-m) EHN201-0001 35-ft. (10.7-m) 20-ft. (6.1-m) EHN201-0003 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0005	
EHN225 20-ft. (6.1-m) EHN154-0020 10-ft. (3-m) PS/2_Coaxial 20-ft. (0.6-m) EHN383-0002 35-ft. (10-7m) 5-ft. (1.5-m) EHN383-0010 DIE Cables with DB25 Female Connector 20-ft. (6.1-m) EHN383-0010 DIE Cables with DB25 Female Connector 20-ft. (6.1-m) EHN383-0010 35-ft. (10-7m) 20-ft. (6.1-m) EHN383-0010 35-ft. (10-7m) 20-ft. (6.1-m) EHN383-0010 35-ft. (10-7m) 35-ft. (15-m) EHN383-0050 20-ft. (6.1-m) 10-ft. (3-m) EHN380-0010 35-ft. (10-7m) 5un, Coax, 13W3 EN201-0001 35-ft. (10-7m) 5un, Coax, 13W3 EN201-0002 20-ft. (6.1-m) 1-ft. (3-m) EHN201-0003 35-ft. (10-7m) 20-ft. (3-m) EHN201-0005 50-ft. (15-2m) 100-ft. (3-m) EHN201-0005 50-ft. (15	FUNDOO 000F
EHN225 PS/2 Coaxial 20-ft. (6.1-m) 2/ft. (0.6-m) EHN383-0002 35-ft. (10.7-m) 10-ft. (3-m) EHN383-0005 50-ft. (15.2-m) 10-ft. (3-m) EHN383-0005 50-ft. (15.2-m) 35-ft. (10.7-m) EHN383-0005 20-ft. (6.1-m) 35-ft. (10.7-m) EHN383-0055 10-ft. (3-m) 35-ft. (10.7-m) EHN383-0055 20-ft. (6.1-m) 100-ft. (30.5-m) EHN383-0050 20-ft. (6.1-m) 50-ft. (15.2-m) EHN383-0100 35-ft. (10.7-m) 50-ft. (15.2-m) EHN281-0001 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 20-ft. (15.2-m) EHN221-00105 55-ft. (10.7-m) 50-ft. (15.2-m) EHN221-00105 55-ft. (10.7-m) 50-ft. (15.2-m) EHN221-00105 50-ft. (15.2-m) 10-ft. (3-m) EHN221-00105 50-ft. (15.2-m) 10-ft. (3-m) EHN225-0010 35-ft. <	EHN290-0005
PS/2_COBARIA 25-ft. (10.7-m) 5-ft. (15-m) EIN383-0002 35-ft. (10.7-m) 5-ft. (15-m) EIN383-0010 DTC Cables with DB25 Female Connector 20-ft. (6.1-m) EIN383-0010 DTC Cables with DB25 Female Connector 20-ft. (6.1-m) EIN383-0010 35-ft. (10.7-m) 35-ft. (10.7-m) EIN383-0010 35-ft. (10.7-m) 35-ft. (10.7-m) EIN383-0010 35-ft. (10.7-m) 50-ft. (15.2-m) EIN383-0010 35-ft. (10.7-m) 50-ft. (15.2-m) EIN201-0001 5-ft. (15.2-m) 10-ft. (3-m) EIN201-0005 5-ft. (15.7-m) 10-ft. (3-m) EIN201-0005 5-ft. (15.7-m) 10-ft. <th>EHN290-0010</th>	EHN290-0010
5-ft (15-m) EHN383-0005 50-ft (15-m) 10-ft (3-m) EHN383-0010 DTE Cables with DB25 Female Connector 35-ft (10-rm) EHN383-0020 5-ft (15-m) 35-ft (10-rm) EHN383-0050 DTE Cables with DB25 Female Connector 50-ft (15-m) EHN383-0050 20-ft (61-m) 100-ft (30-sm) EHN383-0050 20-ft (61-m) 11-ft (03-m) EHN383-0050 50-ft (15-m) 12-ft (61-m) EHN201-0001 DCE Cables with DB2 Male Connector 5-ft (15-m) EHN201-0001 DCE Cables with DB2 Male Connector 5-ft (15-m) EHN201-0001 D-ft (5-m) 20-ft (61-m) EHN201-0010 D-ft (5-m) 20-ft (61-m) EHN201-0035 5-ft (15-m) 20-ft (61-m) EHN201-0010 D-ft (5-m) 10-ft (3-m) EHN225-0010 5-ft (15-m) 10-ft (3-m) EHN225-0010 5-ft (15-m) 20-ft	EHN290-0020
10-ft. (3-m) EH1333-0010 DTE Cables with DB25 Female Connector 20-ft. (6.1-m) EH1383-0035 10-ft. (3-m) 35-ft. (10-7m) EH1383-0050 20-ft. (6.1-m) 50-ft. (15.2-m) EH1383-0050 20-ft. (6.1-m) 100-ft. (3-m) EH1383-0100 35-ft. (10-7m) 50-ft. (15.2-m) EH1201-0001 DCE Cables with DB9 Male Connector 5-ft. (15.m) EH1201-0001 10-ft. (3-m) 10-ft. (3-m) EH1201-0005 5-ft. (1.5-m) 10-ft. (3-m) EH1201-0005 5-ft. (1.5-m) 10-ft. (3-m) EH1201-0005 5-ft. (1.5-m) 10-ft. (3-m) EH1201-0035 35-ft. (10-7m) 50-ft. (15.2-m) EH1201-0035 35-ft. (10-7m) 10-ft. (3-m) EH1225-0001 10-ft. (3-m) 10-ft. (3-m) EH1225-0005 20-ft. (6.1-m) 10-ft. (3-m) EH1225-0005 20-ft. (6.1-m) <t< th=""><th>EHN290-0035</th></t<>	EHN290-0035
20-ft. (61-m) EHN283-0020 5-ft. (15-m) 35-ft. (107-m) EHN383-0035 10-ft. (61-m) 35-ft. (107-m) EHN383-0100 35-ft. (107-m) 50-ft. (15.2-m) EHN383-0100 35-ft. (107-m) 50-ft. (15.2-m) EHN283-0100 35-ft. (107-m) 50-ft. (15.2-m) EHN201-0001 DCEC Cables with D89 Male Connector 5-ft. (15-m) EHN201-0001 10-ft. (3-m) 20-ft. (61-m) EHN201-0020 20-ft. (61-m) 20-ft. (61-m) EHN201-0050 50-ft. (15.2-m) 35-ft. (10.7-m) EHN201-0050 50-ft. (15.2-m) 50-ft. (15.2-m) EHN221-0005 50-ft. (15.2-m) 10-ft. (3-m) EHN225-0001 10-ft. (3-m) 5-ft. (15.2-m) EHN225-0005 20-ft. (61-m) 10-ft. (3-m) EHN225-0005 10-ft. (5-m) 20-ft. (61-m) EHN225-0005 To Mount 4-or 8-User Units in 24" Racks	EHN290-0050
20-ft (61-m) EHN283-0020 5-ft. (15-m) 35-ft. (107-m) EHN383-0035 20-ft. (61-m) 50-ft. (15.2-m) EHN383-0000 20-ft. (61-m) 100-ft. (30-m) EHN383-0100 35-ft. (107-m) 50-ft. (15.2-m) EHN283-0000 35-ft. (107-m) 50-ft. (15.2-m) EHN201-0001 DCEC Cables with DB9 Male Connector 51-ft. (15.m) EHN201-0001 10-ft. (3-m) 20-ft. (61-m) EHN201-0020 20-ft. (61-m) 20-ft. (61-m) EHN201-0035 35-ft. (10-7-m) 35-ft. (10-7-m) EHN201-0050 DCFt. Cables with DB2 Male Connector 50-ft. (15.2-m) EHN201-0050 DO-ft. (3-m) 10-ft. (3-m) EHN201-0050 DO-ft. (15.2-m) 10-ft. (30-m) EHN225-0001 10-ft. (3-m) 10-ft. (3-m) EHN225-0005 20-ft. (61-m) 20-ft. (61-m) EHN225-0005 20-ft. (61-m) <t< th=""><th></th></t<>	
35-ft. (10.7-m) EHN383-0035 10-ft. (3-m) 50-ft. (15.2-m) EHN383-0005 20-ft. (6.1-m) 100-ft. (30.5-m) EHN383-0000 35-ft. (10.7-m) 50, ft. (15.2-m) EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0005 5-ft. (1.5-m) 10-ft. (3-m) EHN201-0005 5-ft. (1.5-m) 10-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0020 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0020 20-ft. (5.2-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 35-ft. (10.7-m) EHN201-0030 50-ft. (15.2-m) 100-ft. (30.5-m) EHN225-0005 20-ft. (5.1-m) 100-ft. (30.5-m) EHN225-0005 20-ft. (5.1-m) 10-ft. (3-m) EHN225-0005 20-ft. (6.1-m) 50-ft. (15.2-m) EHN225-0005 20-ft. (6.1-m) 20-ft. (6.1-m) EHN225-0005 20-ft. (5.1-m) 35-ft. (10.7-m) EHN225-0005 20-ft. (5.1-m) 35-ft. (10.7-m) EHN225-0005 To Mount 4- or 8-	EHN291-0005
Soft. (15.2-m) EHN383-0050 20-ft. (6.1-m) 100-ft. (30.5-m) EHN383-0100 35-ft. (10.7-m) Sun, Coax, 13W3 EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0000 20-ft. (6.1-m) 20-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 20-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (30.5-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (30.5-m) EHN201-0050 50-ft. (15.2-m) 1-ft. (0.3-m) EHN225-0010 10-ft. (3-m) 1-ft. (0.3-m) EHN225-0010 10-ft. (3-m) 20-ft. (6.1-m) EHN225-0010 50-ft. (15.2-m) 20-ft. (15.2-m) EHN225-0050 50-ft. (15.2-m) 20-ft. (10.7-m) EHN225-0050 50-ft. (15.2-m) 20-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 24" Racks	EHN291-0010
100-ft. (30.5-m) EHN333-0100 35-ft. (10.7-m) Sun, Coax, 13W3 FHN201-0001 50-ft. (15.2-m) 1+ft. (0.3-m) EHN201-0005 5-ft. (15-m) 10-ft. (3.7-m) EHN201-0020 5-ft. (15-m) 10-ft. (3-m) EHN201-0020 20-ft. (6.1-m) 20-ft. (6.1-m) EHN201-0020 35-ft. (10.7-m) 35-ft. (10.7-m) EHN201-0020 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0020 35-ft. (10.7-m) 100-ft. (30.5-m) EHN201-0035 35-ft. (10.7-m) 100-ft. (30.5-m) EHN201-0100 DCE Cables with DB25 Male Connector VGA, Coax 5-ft. (15.2-m) DO-ft. (3.0-m) 1-ft. (0.3-m) EHN225-0001 10-ft. (3-m) 1-ft. (1.5-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0055 To Mount 4- or 8-User Units in 23" Racks 75-ft. (22-9-m) EHN225-0055 To Mount 4- or 8-User Units in 23" Racks 70-ft. (3.0-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks	EHN291-0020
Sun, Coax, 13W3 EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0005 5-ft. (1.5-m) 1-ft. (0.3-m) EHN201-0005 5-ft. (1.5-m) 10-ft. (3-m) EHN201-0005 5-ft. (1.5-m) 20-ft. (61-m) EHN201-0005 5-ft. (1.5-m) 35-ft. (10.7-m) EHN201-0005 50-ft. (15.2-m) 50-ft. (15.2-m) EHN201-0050 50-ft. (15.2-m) 50-ft. (15.2-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (30.5-m) EHN225-0000 10-ft. (3-m) 1-ft. (0.3-m) EHN225-0005 20-ft. (61-m) 20-ft. (61-m) EHN225-0005 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0005 To Mount 4- or 8-User Units in 23" Racks 50-ft. (15.2-m) EHN225-0005 To Mount 4- or 8-User Units in 24" Racks 50-ft. (15.2-m) EHN225-0005 To Mount 4- or 8-User Units in 24" R	EHN291-0035
bith, COL, PRING EHN201-0001 DCE Cables with DB9 Male Connector 5-ft. (1.5-m) EHN201-0005 5-ft. (1.5-m) 10-ft. (3-m) EHN201-0005 5-ft. (1.5-m) 20-ft. (6.1-m) EHN201-0010 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0035 35-ft. (10.7-m) 100-ft. (30.5-m) EHN201-0035 35-ft. (10.7-m) 100-ft. (3.5-m) EHN225-0005 20-ft. (5.1-m) 10-ft. (3-m) EHN225-0005 20-ft. (6.1-m) 20-ft. (6.1-m) EHN225-0005 20-ft. (15.2-m) 20-ft. (6.1-m) EHN225-0005 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0005 To Mount 4- or 8-User Units in 24" Racks 50-ft. (15.2-m) EHN225-0005 To Mount 4- or 8-User Units in 24" Racks 100-ft. (3-m) EHN225-0005 To Mount	EHN291-0050
5-ft. (1.5-m) EHN201-0005 5-ft. (1.5-m) 10-ft. (3-m) EHN201-0010 10-ft. (3-m) 20-ft. (6.1-m) EHN201-0035 35-ft. (10.7-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (30.5-m) EHN221-0100 DCE Cables with DB25 Male Connector VGA, Coax 5-ft. (1.5-m) EHN225-0001 10-ft. (3-m) 1-ft. (0.3-m) EHN225-0001 10-ft. (3-m) 5-ft. (1.5-m) 10-ft. (3-m) EHN225-0010 35-ft. (10-7-m) 5-ft. (1.5-m) 20-ft. (6.1-m) EHN225-0010 35-ft. (10-7-m) 50-ft. (15.2-m) 20-ft. (5.1-m) EHN225-0035 To Mount Kits 78-dkcs 35-ft. (10.7-m) EHN225-0035 To Mount Kits 78-dkcs 35-ft. (10.7-m) EHN225-0035 To Mount Kits 78-dkcs 100-ft. (30.5-m) EHN225-0010 To Mount Kits 78-dkcs 100-ft. (30.5-m) EHN225-0100 To Mount 16-User Units in 24" Racks To Mount 16-User Units in 24" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 16-User Units in 24" Racks Surge Protector for	
10-ft. (3-m) EHN201-0010 10-ft. (3-m) 20-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (3.5-m) EHN221-0100 DCE Cables with B225 Male Connector VGA, Coax 5-ft. (1.5-m) 5-ft. (1.5-m) 1-ft. (0.3-m) EHN225-0001 10-ft. (3-m) 5-ft. (1.5-m) EHN225-0005 20-ft. (6.1-m) 20-ft. (6.1-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (5.1-m) EHN225-0020 50-ft. (15.2-m) 20-ft. (5.1-m) EHN225-0025 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0015 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0100 To Mount 4- or 8-User Units in 19" Racks 100-ft. (3-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0100	FUNDOD 0005
20-ft. (6.1-m) EHN201-0020 20-ft. (6.1-m) 35-ft. (10.7-m) EHN201-0033 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0030 50-ft. (15.2-m) 100-ft. (3.5-m) EHN201-0100 DCE Cables with DB25 Male Connector 57.ft. (15.2-m) EHN225-0001 50-ft. (15.2-m) 100-ft. (3.5-m) EHN225-0005 20-ft. (6.1-m) 57.ft. (1.5-m) EHN225-0010 35-ft. (10.7-m) 56.ft. (1.5-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0025 20-ft. (6.1-m) 35-ft. (10.7-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 12" Racks 100-ft. (3.5-m) EHN225-0100 To Mount 4- or 8-User Units in 12" Racks 100-ft. (3.5-m) EHN225-0100 To Mount 4- or 8-User Units in 12" Racks 100-ft. (3.5-m) EHN225-0100 To Mount 4- or 8-User Units in 12" Racks 100-ft. (3.5-m)	EHN292-0005
35-ft. (10.7-m) EHN201-0035 35-ft. (10.7-m) 50-ft. (15.2-m) EHN201-0035 50-ft. (15.2-m) 100-ft. (30.5-m) EHN201-0100 DCE Cables with DB25 Male Connector VGA, Coax 5-ft. (1.5-m) EHN225-0001 10-ft. (3-m) 1-ft. (0.3-m) EHN225-0005 20-ft. (6.1-m) 5-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0005 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0005 50-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0005 50-ft. (15.2-m) 20-ft. (6.1-m) EHN225-0005 To Mount 4-or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0075 To Mount 4-or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0075 To Mount 4-or 8-User Units in 24" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4-or 8-User Units in 24" Racks To connect multiple chassis, order Expansion Cables for 4-User Units, PVC To Mount 16-User Units in 24" Racks 10-ft. (6.1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and P 20-ft. (6.1-m) KV140020 Surge Protector for IBM PC/AT Style Keyboard and I 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Li	EHN292-0010
3D-ft. (15.2-m) EHN201-0050 50-ft. (15.2-m) 100-ft. (30.5-m) EHN201-0100 DCE Cables with DB25 Male Connector VGA, Coax 5-ft. (1.5-m) EHN225-0001 10-ft. (3-m) 5-ft. (1.5-m) EHN225-0005 20-ft. (6.1-m) 5-ft. (10.7-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0020 50-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0035 Rackmount Kits 50-ft. (15.2-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0057 To Mount 4- or 8-User Units in 23" Racks 50-ft. (12-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 16-User Units in 23" Racks 100-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 20-ft. (6.1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and P 20-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard and P	EHN292-0020
John (1):2-m) EHN201-0100 DCE Cables with DB25 Male Connector VGA, Coax 5-ft. (1.5-m) EHN225-0001 10-ft. (3-m) 1-ft. (0.3-m) EHN225-0005 20-ft. (6.1-m) 5-ft. (1.5-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0025 20-ft. (6.1-m) 20-ft. (10.7-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 10-ft. (3.5-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 19" Racks 100-ft. (3.5-m) EHN225-0100 To Mount 4- or 8-User Units in 19" Racks 100-ft. (3.5-m) EHN225-0100 To Mount 16-User Units in 12" Racks 100-ft. (3-m) KV140010 To Mount 16-User Units in 12" Racks 100-ft. (3-m) KV140010 To Mount 16-User Units in 23" Racks 10-ft. (5-m) KV140010 Surge Protector for IBM PS/25 Style Keyboard and 1 20-ft. (6.1-m) KV140010	EHN292-0035
VGA, Coax 5-ft. (1.5-m) 1-ft. (0.3-m) EHN225-0001 10-ft. (3-m) 5-ft. (1.5-m) EHN225-0005 20-ft. (6.1-m) 10-ft. (3-m) EHN225-0000 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0035 S0-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0075 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0010 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0010 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0100 To Mount 16-User Units in 23" Racks 100-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 10-ft. (3-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and N 20-ft. (6.1-m) KV140020 Surge Protector for IBM PS/2 Style Keyboard and N 35-ft. (10.7-m) KV140035 Surge Protector for IBM PC/AT Style Keyboard Line (5-mit) Male/Fermale)	EHN292-0050
VGA, Coax 5-ft. (1.5-m) 1-ft. (0.3-m) EHN225-0005 20-ft. 5-ft. (1.5-m) EHN225-0005 20-ft. 10-ft. (3-m) EHN225-0000 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0020 50-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 75-ft. (22.9-m) EHN225-0050 To Mount 4- or 8-User Units in 21" Racks 75-ft. (22.9-m) EHN225-0010 To Mount 4- or 8-User Units in 21" Racks 100-ft. (30-m) EHN225-0010 To Mount 4- or 8-User Units in 21" Racks To connect multiple chassis, order To Mount 16-User Units in 23" Racks To Mount 16-User Units in 23" Racks 10-ft. (3-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and N 20-ft. (6.1-m) KV140020 Surge Protector for IBM PC/AT Style Keyboard Line 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	
i-ft. (0.3-m) EHN225-0001 10-ft. (3-m) 5-ft. (1.5-m) EHN225-0005 20-ft. (6.1-m) 10-ft. (3-m) EHN225-0000 35-ft. (10-7m) 20-ft. (6.1-m) EHN225-0020 50-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0035 Rackmount Kits 50-ft. (15.2-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0035 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0010 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0010 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 16-User Units in 19" Racks To connect multiple chassis, order To connect multiple chassis, order To Mount 16-User Units in 23" Racks 20-ft. (6.1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and P 20-ft. (6.1-m) KV140020 Surge Protector for IBM PC/AT Style Keyboard Line	EHN293-0005
5-ft. (1.5-m) EHN225-0005 20-ft. (6.1-m) 10-ft. (3-m) EHN225-0000 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0005 35-ft. (10.7-m) 35-ft. (10.7-m) EHN225-0035 Rackmount Kits 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 50-ft. (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 24" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 19" Racks To connect multiple chassis, order Expansion Cables for 4-User Units, PVC To Mount 16-User Units in 19" Racks 10-ft. (3-m) KV140010 To Mount 16-User Units in 19" Racks 20-ft. (6.1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and 1 20-ft. (6.1-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard and 1 35-ft. (10.7-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard Line	EHN293-001
10-ft. (3-m) EHN225-0010 35-ft. (10.7-m) 20-ft. (6.1-m) EHN225-0020 50-ft. (15.2-m) 35-ft. (10.7-m) EHN225-0035 Rackmount Kits 50-ft. (15.2-m) EHN225-0075 To Mount 4- or 8-User Units in 19" Racks 75-ft. (22.9-m) EHN225-0075 To Mount 4- or 8-User Units in 23" Racks 100-ft. (3-m) EHN225-0010 To Mount 4- or 8-User Units in 24" Racks 100-ft. (3-m) EHN225-0010 To Mount 4- or 8-User Units in 24" Racks 100-ft. (3-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks 10-ft. (3-m) KV140010 To Mount 16-User Units in 23" Racks 10-ft. (3-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and N 20-ft. (15.2-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard and N 35-ft. (10.7-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard Line 50-ft. (15.2-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard Line	EHN293-0020
10 10<	EHN293-0035
20-TL 0.1-m) EHN225-0035 Rackmount Kits 35-ft. (10.7-m) EHN225-0035 To Mount 4- or 8-User Units in 19" Racks 50-ft. (12.2-m) EHN225-0050 To Mount 4- or 8-User Units in 23" Racks 100-ft. (30.5-m) EHN225-0010 To Mount 4- or 8-User Units in 23" Racks To connect multiple chassis, order EHN225-0010 To Mount 4- or 8-User Units in 24" Racks To connect multiple chassis, order EHN225-0010 To Mount 4- or 8-User Units in 24" Racks 10-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 20-ft. (6.1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and 1 35-ft. (10.7-m) KV140035 Surge Protector for IBM PC/AT Style Keyboard and 1 50-ft. (15.2-m) KV140035 Surge Protector for IBM PC/AT Style Keyboard Line	EHN293-0050
Soft (15.2-m) EHN225-0050 To Mount 4- or 8-User Units in 19" Racks 75-ft (22.9-m) EHN225-0075 To Mount 4- or 8-User Units in 23" Racks 100-ft (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 23" Racks To connect multiple chassis, order To Mount 4- or 8-User Units in 23" Racks To Mount 4- or 8-User Units in 23" Racks 10-ft (3-m) KV140010 To Mount 16-User Units in 23" Racks 20-ft (6-1-m) KV140010 Surge Protector for IBM PS/2 Style Keyboard and I 35-ft (15.2-m) KV140035 G-Pin Min-1DIN Male/Female)	21111255 0050
Job Clip Line Clip Line <thclip line<="" th=""></thclip>	RMK19A
100-ft. (30.5-m) EHN225-0010 To Mount 4- or 8-User Units in 24" Racks 100-ft. (30.5-m) EHN225-0100 To Mount 4- or 8-User Units in 24" Racks To connect multiple chassis, order To Mount 16-User Units in 19" Racks Expansion Cables for 4-User Units, PVC To Mount 16-User Units in 24" Racks 10-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 20-ft. (6.1-m) KV140020 Surge Protector for IBM PS/25 Style Keyboard and 1 35-ft. (10.7-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard Lines 50-ft. (15.2-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard Lines	RMK23A
To connect multiple chassis, order Expansion Cables for 4-User Units, PVC 10-ft. (3-m) 20-ft. (6.1-m) 35-ft. (10.7-m) 50-ft. (15.2-m) KV140035 KV140050 KV140050 KV140050 KV140050 KV140050 Conter Conter	
Expansion Cables for 4-User Units, PVC To Mount 16-User Units in 23" Racks 10-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 20-ft. (6.1-m) KV140020 Surge Protector for IBM PS/2 Style Keyboard and N 35-ft. (10.7-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	RMK24A
Control Control KV140010 To Mount 16-User Units in 24" Racks 10-ft. (3-m) KV140020 Surge Protector for IBM PS/2 Style Keyboard and 1 20-ft. (6.1-m) KV140030 Ge-Pin Mini-Din Male/Permaile) 35-ft. (10.7-m) KV140030 Surge Protector for IBM PC/AT Style Keyboard and 1 50-ft. (15.2-m) KV140035 Surge Protector for IBM PC/AT Style Keyboard Line	RMK19A139
10-ft. (3-m) KV140010 To Mount 16-User Units in 24" Racks 20-ft. (6.1-m) KV140020 Surge Protector for IBM PS/2 Style Keyboard and N 35-ft. (10.7-m) KV140030 Ge-Pin Min-IDN Male/Permale) 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	RMK23A139
20-ft. (6.1-m) KV140020 Surge Protector for IBM PS/2 Style Keyboard and I 35-ft. (10.7-m) KV140035 (6-Pin Mini-DIN Male/Female) 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	RMK24A139
35-ft. (10.7-m) KV140035 (G-Pin Mini-DIN Male/Female) 50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	
50-ft. (15.2-m) KV140050 Surge Protector for IBM PC/AT Style Keyboard Line	SP519A-R2
	SP518A-R2
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